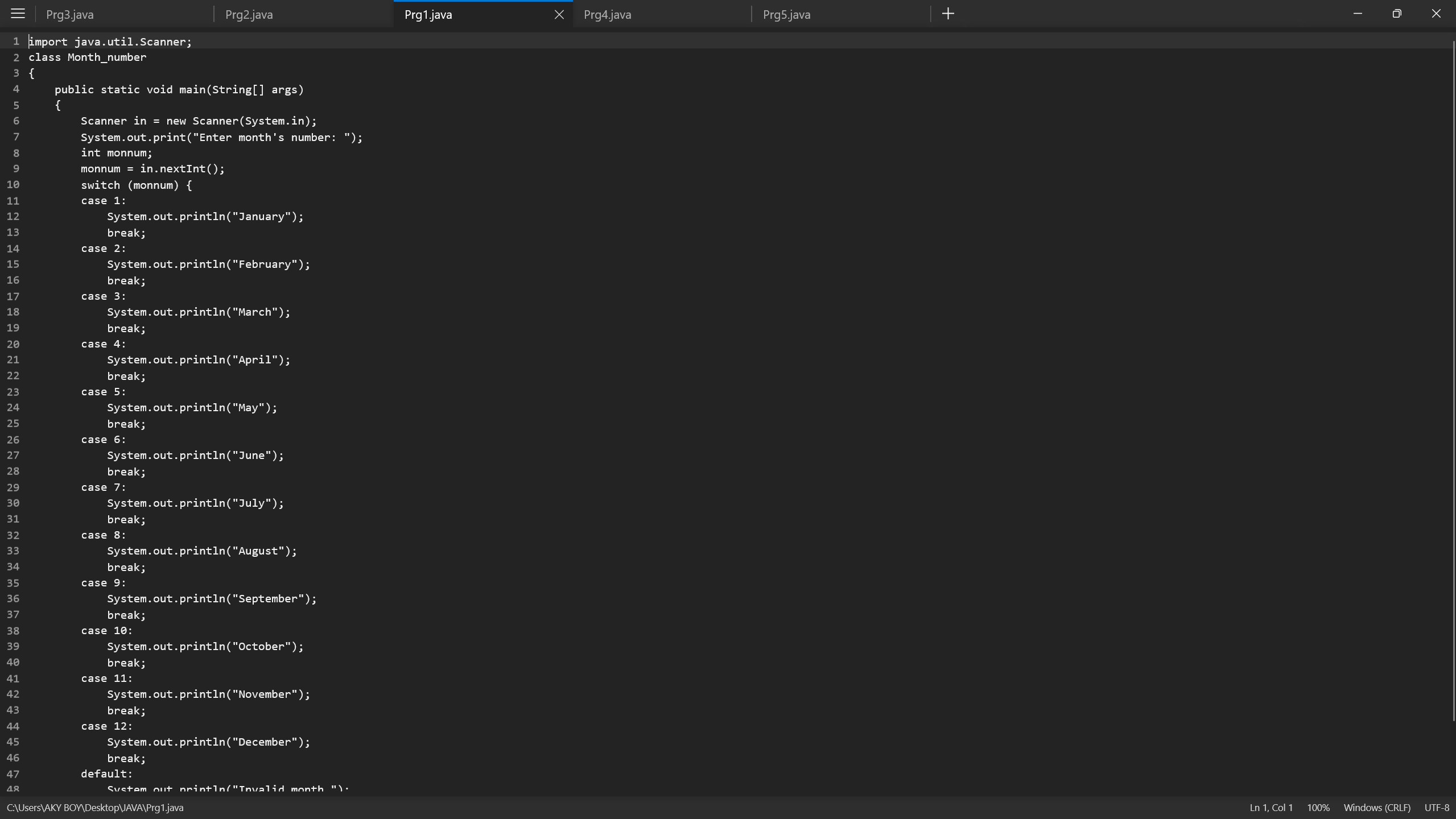
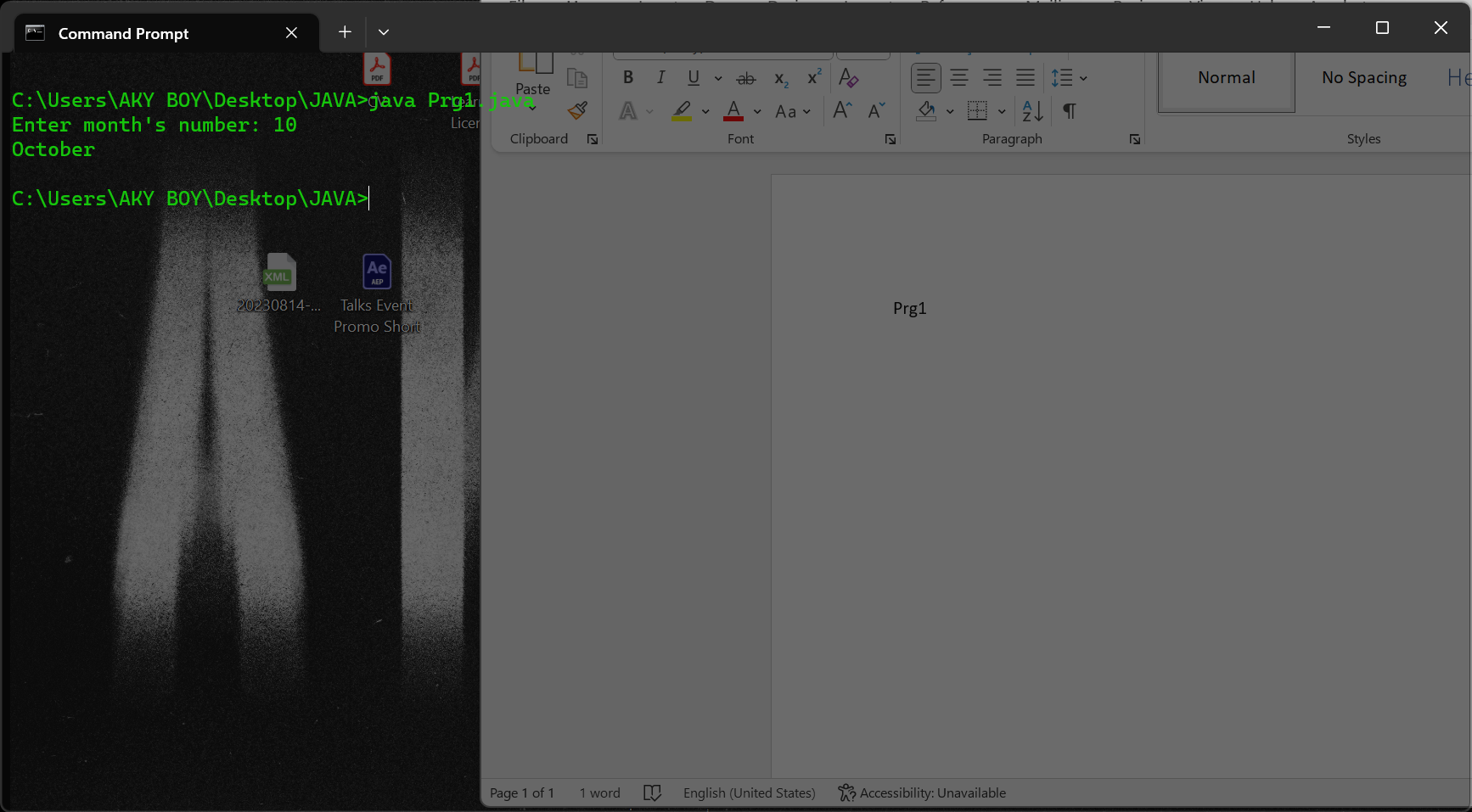
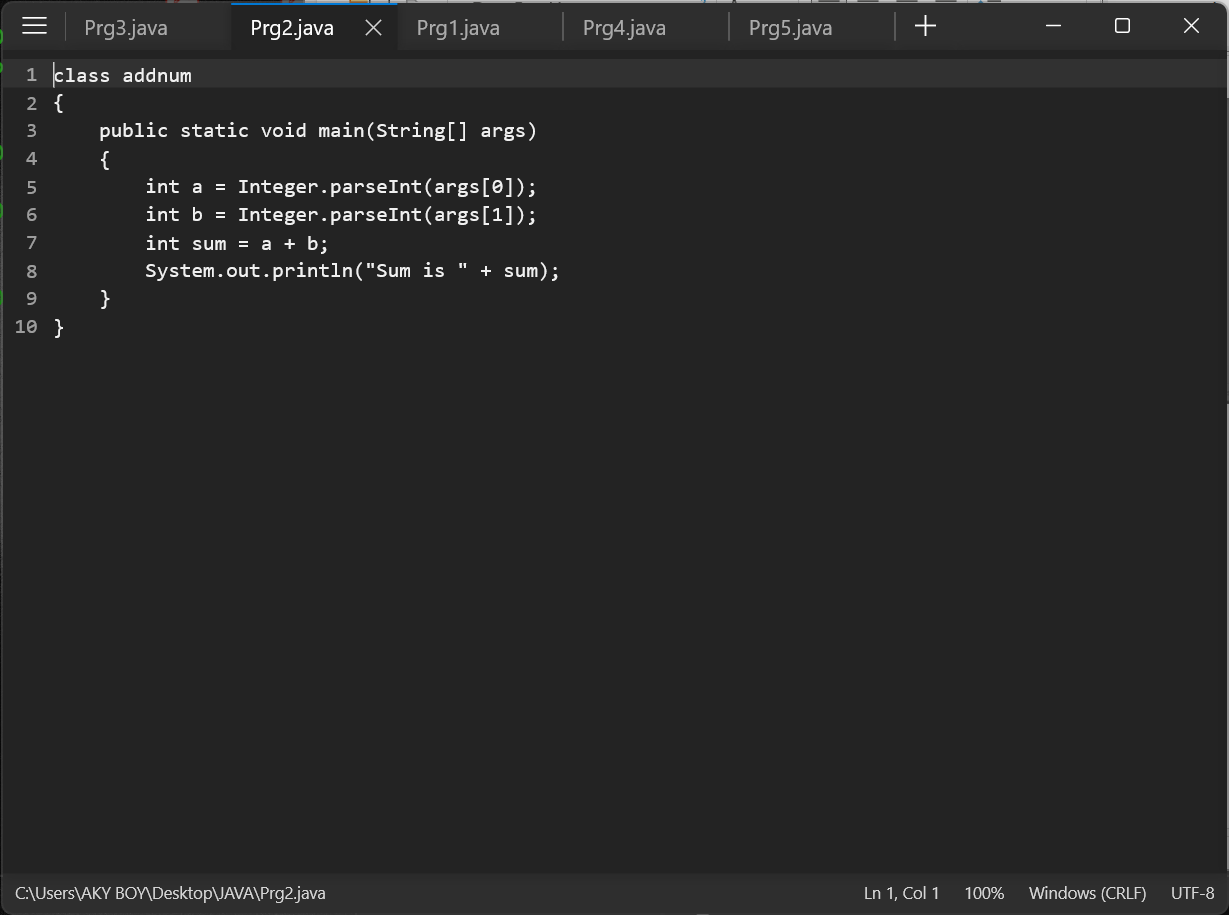
**PROGRAM 1**



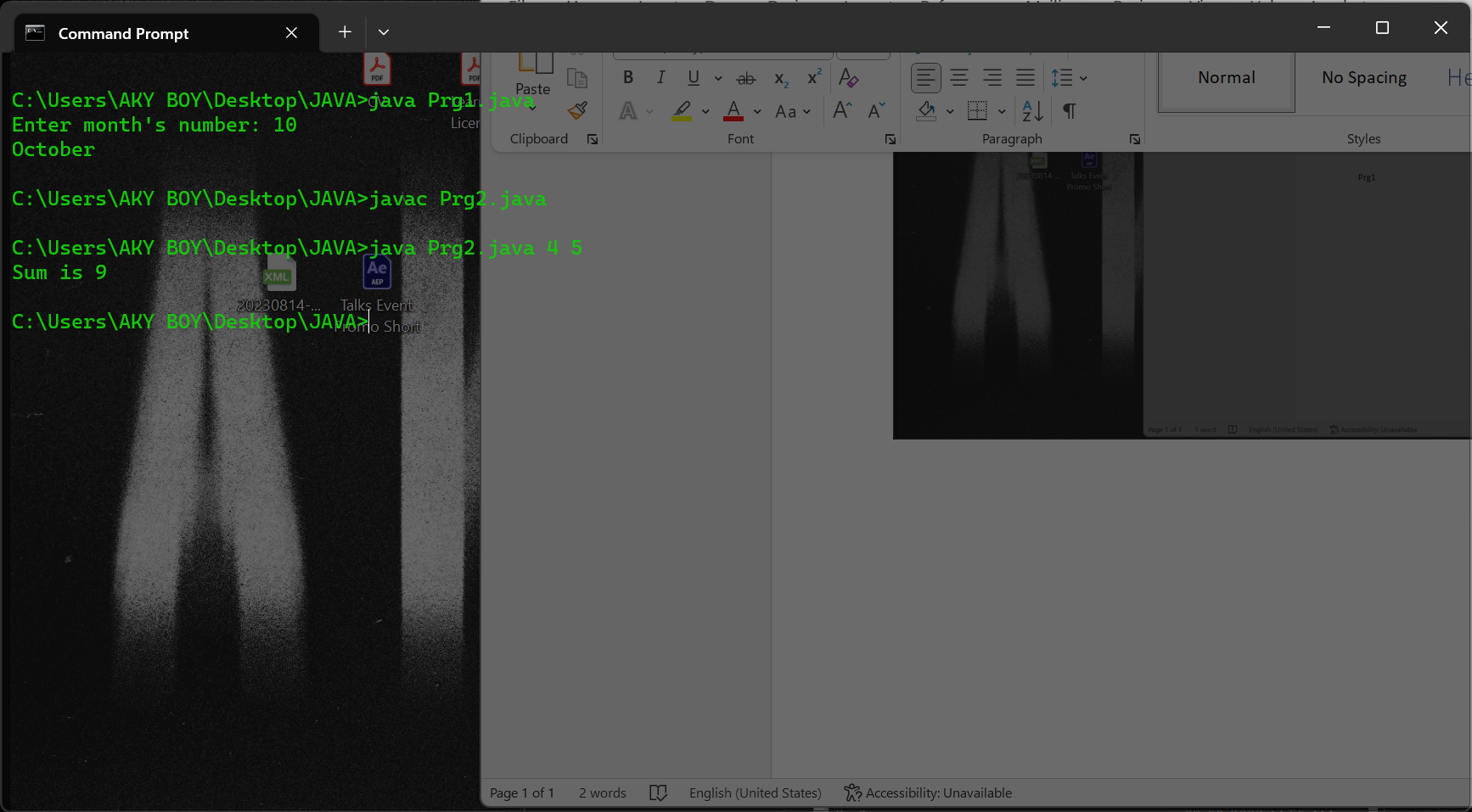
**OUTPUT**



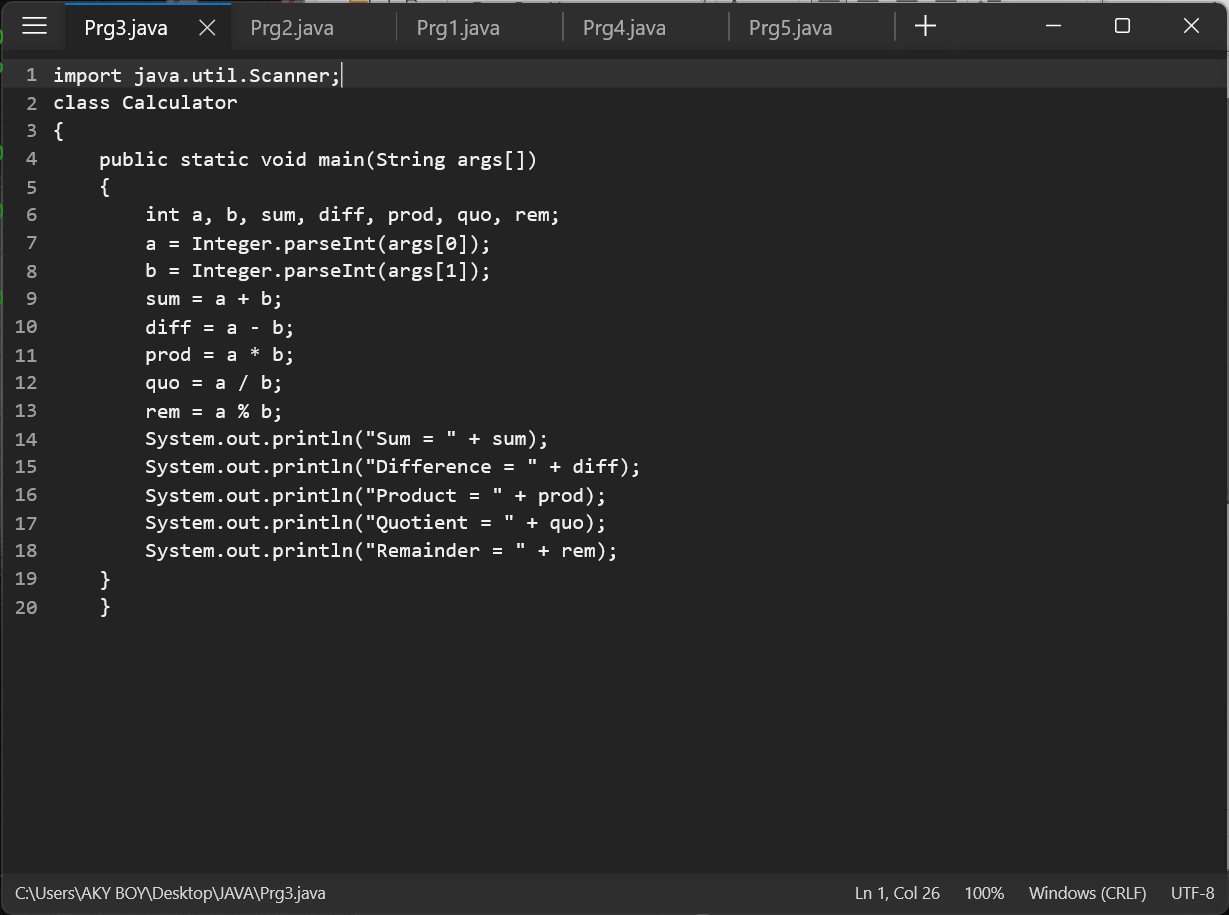
**PROGRAM 2**



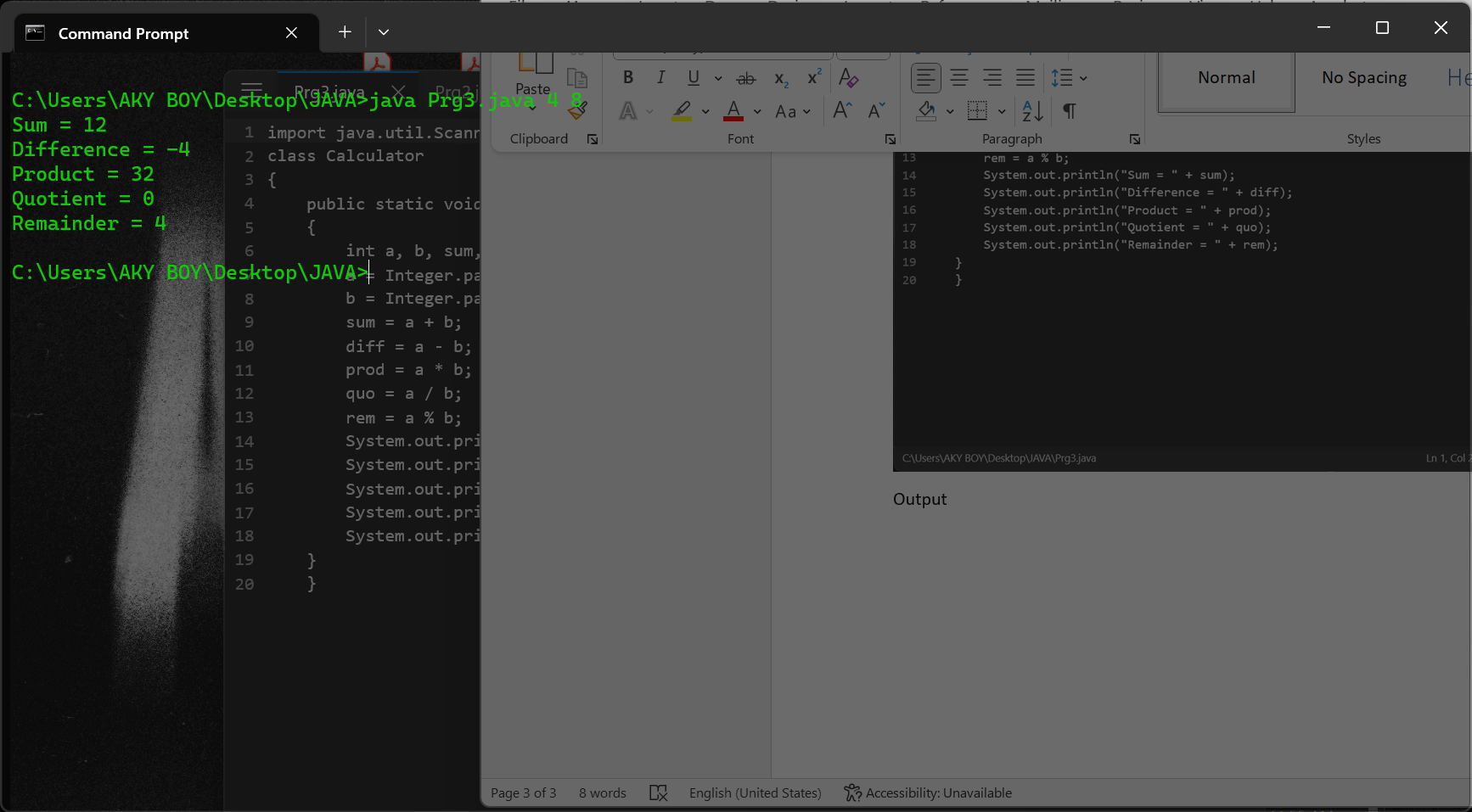
**OUTPUT**



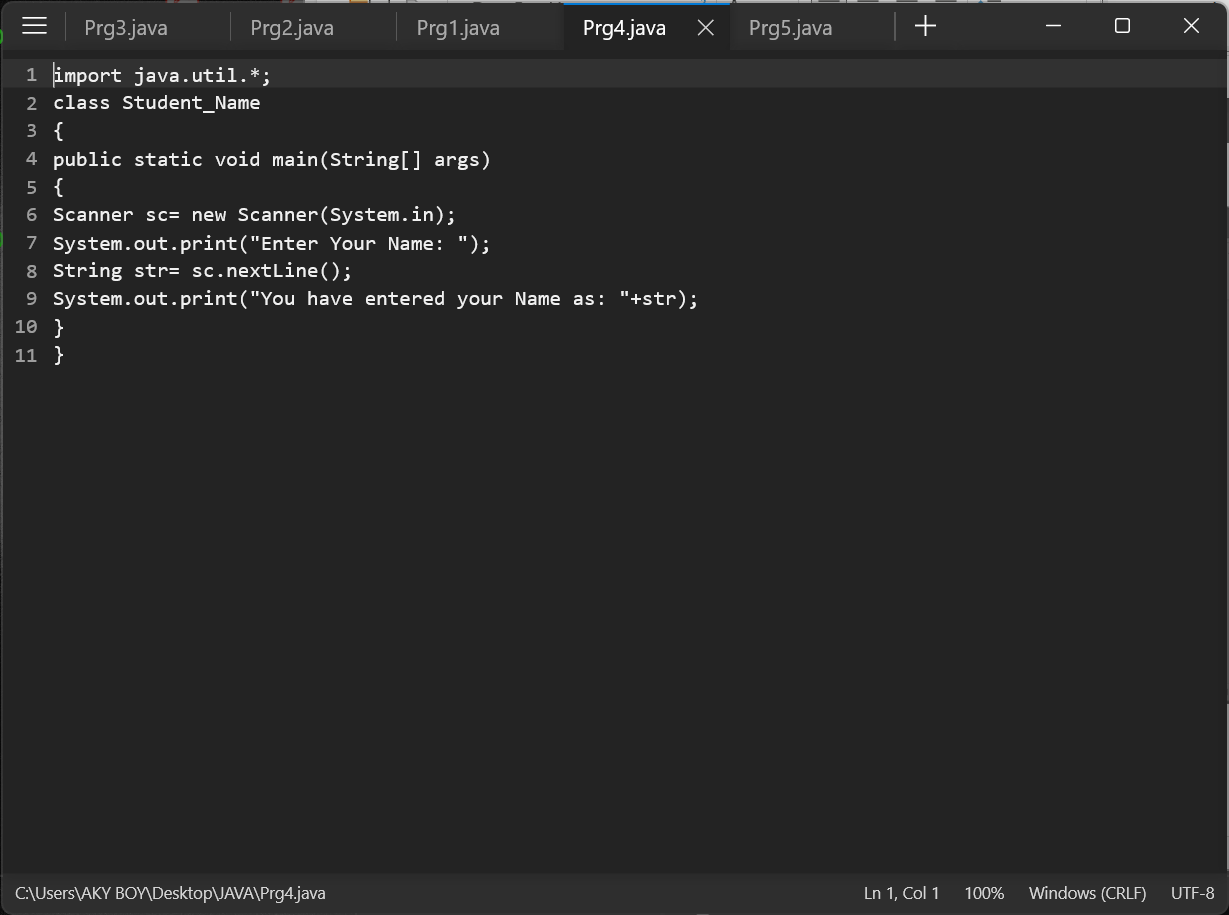
**PROGRAM 3**



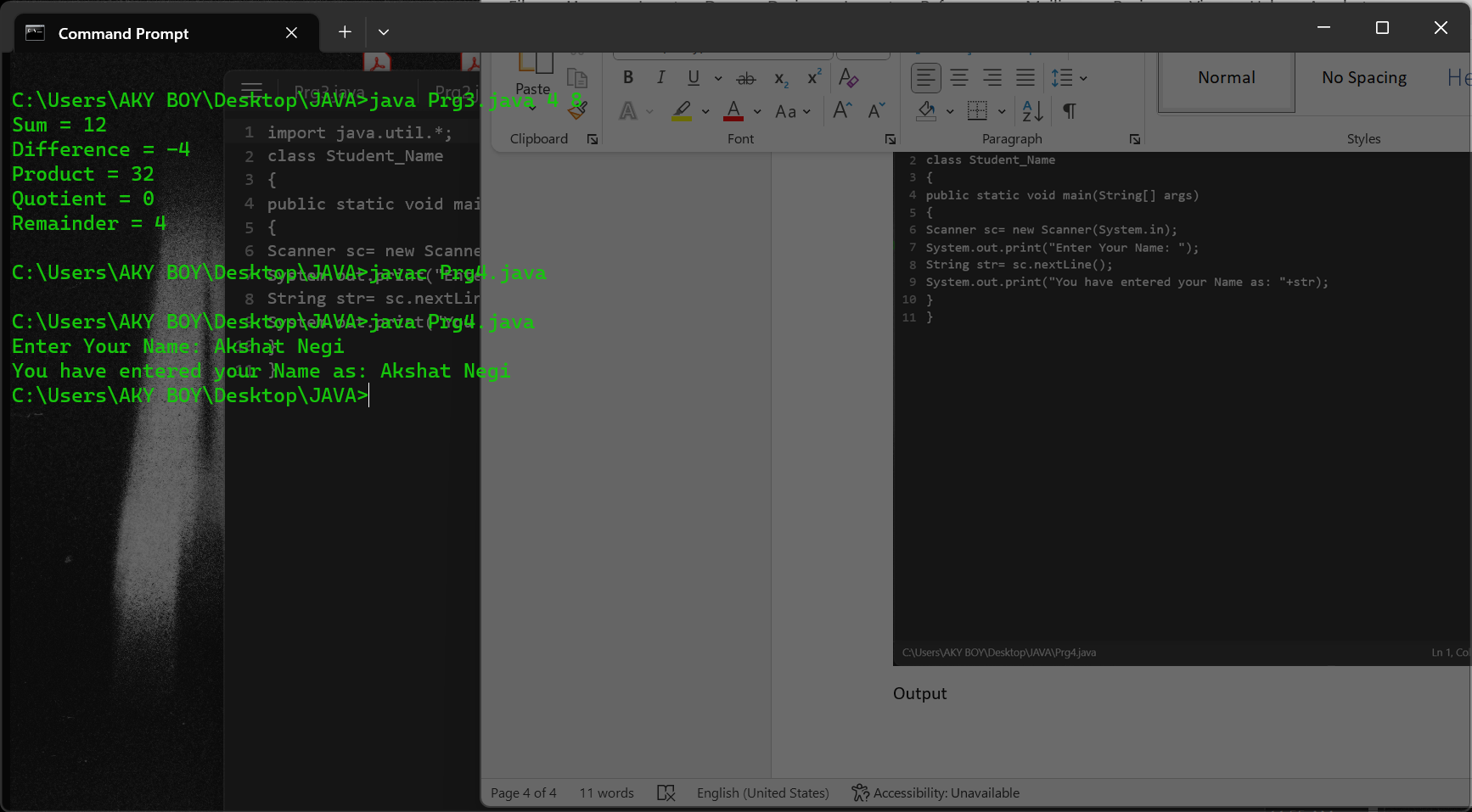
**OUTPUT**



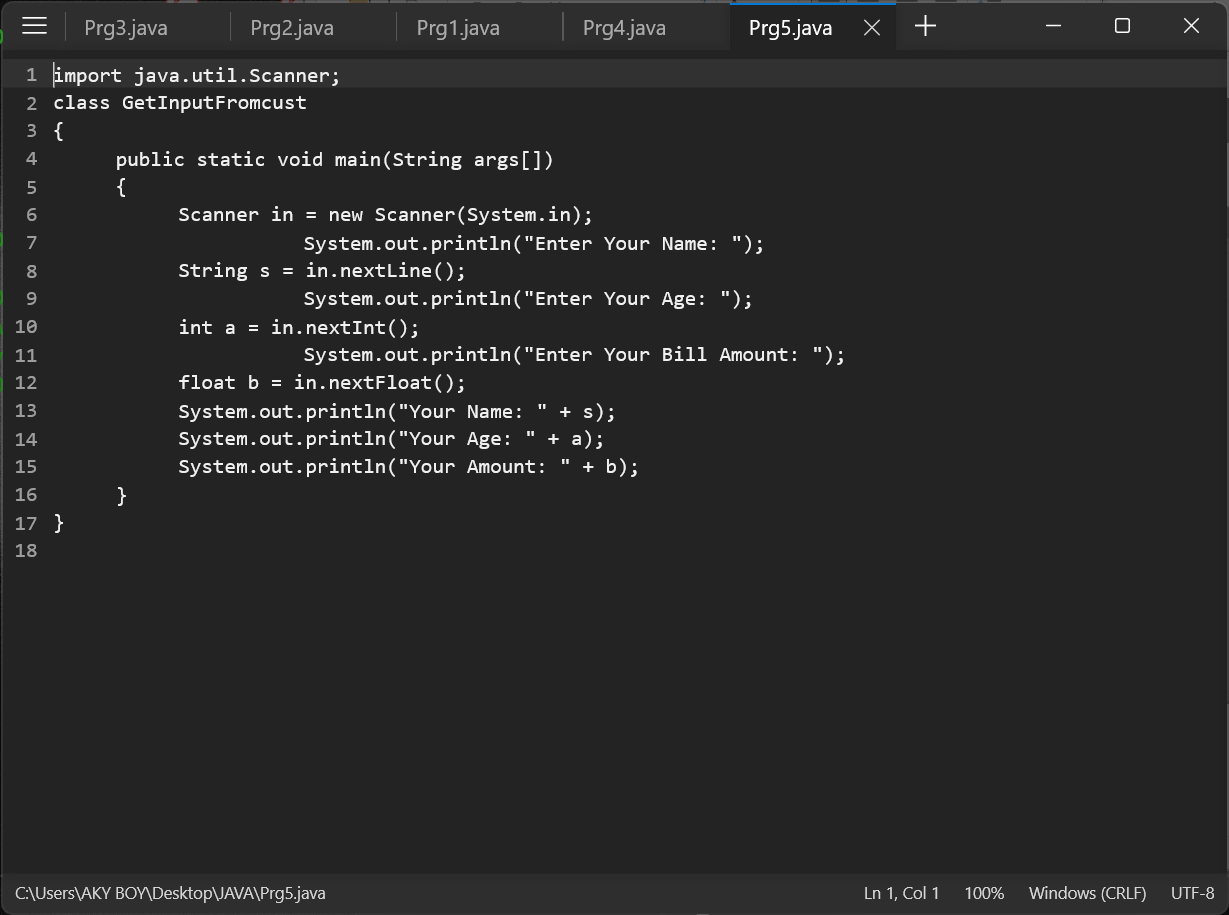
**PROGRAM 4**



**OUTPUT**



**PROGRAM 5**



**OUTPUT**

